

ProCom at SPS IPC Drives, 11/27-29/2018 in Nuremberg, Booth 6-150H

New CNC300ECO Controller from ProCom Makes Cutting Processes Fit for Industry 4.0

Aachen (Germany), November 27, 2018 – The new CNC300ECO controller from ProCom is not only smaller, lighter and more powerful than its predecessor, but also easier to operate, and it makes cutting processes fit for Industry 4.0. This solution offers added value for laser, plasma, knife-edge and waterjet cutting. Current and future Industry 4.0 requirements can be met with the integrated OPC-UA interface, the Clouver gateway integrated into the CNC controller, mutual gigabit-LAN interfaces, and EtherCAT communications with sensors, actuators and drives.

Gains in functionality are accompanied by gains in user friendliness. The software solution ergoCAM allows for more intuitive work preparation and enhances quality and productivity while minimizing cutting scrap. Also the usability of the CNC operations and programming by ProCom moved to the next level. To mention just one advantage: For each operational step in ergoCNC, operators see only the views and functions relevant to their current activity. This clarity enables straightforward, intuitive operation even by untrained personnel. Moreover, tight coupling with the Clouver Industry 4.0 solution helps operators recognize relevant operational states faster and diagnose possible faults more easily. Support for touch displays, optional integration of mobile terminals and the associated remote control capability round out the list of features.

The CNC300ECO controller was created within a BMBF sponsored project in which ProCom, another controller vendor, three machine manufacturers and two institutes of the Technical University of Aachen developed “multimodal, task-oriented operating systems for flexible and user-centric human-machine interaction on production machines” (MaxiMMI).



CNC300 ECO

[Link to the printable image of the controller](#)

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About ProCom

ProCom GmbH is a successful family business with a clearly defined growth and internationalization strategy.

As a development specialist in cutting and separating processes, ProCom Automation has over 40 years' experience in developing sophisticated CNC software and hardware and CAM solutions for machine series. The company invests in the European and Chinese markets, both in its established, expandable product range as well as in future-oriented services in Industry 4.0.

In the energy sector, ProCom provides consultancy on key issues in energy production and trading. Drawing on process and IT expertise, ProCom consultants support the successful implementation of strategic projects all the way to the operational phase. IT solutions from ProCom ensure optimum marketing of energy portfolios in all timescales and markets.